CONTENTS OF VOLUME 47

PROCEEDINGS OF THE THIRTIETH ANNUAL MEETING OF THE NORTH CAROLINA ACADEMY OF SCIENCE 1

PROCEEDINGS OF THE ELISHA MITCHELL SCIENTIFIC SOCIETY 27

ORIGIN OF FOLDED MOUNTAINS. *W. F. Prouty* 33

NICHOLAS MARCELLUS HENTZ. *Collier Cobb* 47

A GYNANDROMORPH OF MEGACHILE LATIMANUS SAY. *Theodore B. Mitchell* 52

NORTH CAROLINA'S SINGING ORTHOPTERA. *B. B. Fulton* 55

AT WHAT HOUR IS RAINFALL THE HEAVIEST? *Lee A. Denson* 70

THE AQUATIC VEGETATION OF QUAKER RUN. *Velma Dare Matthews* 74

MAYFLIES OF NORTH CAROLINA. *Jay R. Traver* 85

THE ABUNDANCE OF THE DOLPHIN, CORYPHAENA HIPPURUS, ON THE NORTH CAROLINA COAST. *E. W. Gudger* 237

RHIZOPHIDIUM, PHLYCTOCHYTRIUM, AND PHLYCTIDIUM IN THE UNITED STATES. *John N. Couch* 245

A CLASSIFICATION OF THE GENUS PSEUDANOPHTHALMUS JEANNEL, WITH DESCRIPTIONS OF NEW SPECIES AND NOTES ON DISTRIBUTION. *J. Manson Valentine* 261

CYTOLOGICAL OBSERVATIONS ON ZOOSPORE FORMATION IN LEPTOLEGNIA CAUDATA DEBARY. *A. C. Mathews* 281